

ABSTRACT OF THE DISCLOSURE

A stator for use in a two rotor single stator type electric motor comprises a stator core including a plurality of stator teeth that are circumferentially arranged around a common axis leaving a plurality of identical spaces each being defined between adjacent two of the stator teeth. Each stator tooth includes a plurality of flat magnetic steel plates that are aligned along the common axis. A plurality of coils are put around the stator teeth respectively. Bolts extend through identical spaces of the stator core for combining the flat magnetic steel plates to have a fixed structure of the stator core. A molded plastic fills the identical spaces of the stator core. A plurality of elongate plate bars extend in the identical spaces through the molded plastic respectively. Each elongate plate bar extends in parallel with the common axis and is constructed of a magnetic material that has an electric resistance higher than the bolts.